

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional) END9200000 S1 Application Number

Applicant(s)  
John Joseph Konrad et al.

Filing Date  
Herewith Group Art Unit

U.S. PTO  
13/13/01  
109/804,921  
13/13/01

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,915,983	04/10/90	Lake et al.	427	98	06/10/85
	AB	5,620,800	04/15/97	De Leeuw et al.	428	469	03/30/95
	AC	5,830,533	11/03/98	Lin et al.	427	272	12/04/92
	AD	5,863,405	01/26/99	Miyashita	205	125	05/18/94
	AE	5,891,513	04/06/99	Dubin et al.	427	98	01/16/96
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						.

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
AL	WO99/47731	09/23/99					
AM							
AN							
AO							
AP							

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10-01)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet <b>1</b> of <b>1</b>				<b>Complete If Known</b>
				Application Number <b>09/804,921</b>
				Filing Date <b>March 13, 2001</b>
				First Named Inventor <b>John J. Konrad</b>
				Art Unit <b>N/A</b>
				Examiner Name <b>Not Yet Assigned</b>
				Attorney Docket Number <b>20135-323-US</b>

### U. S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	5,891,513	04-06-1999	Dubin et al.		
AB	5,821,168	10-13-1998	Jain		
AC	5,714,050	02-03-1998	Akiba et al.		
AD	5,822,850	10-20-1998	Odaira et al.		
AE	5,456,817	10-10-1995	Hino et al.		
AF	5,647,966	07-15-1997	Uru et al.		
AG	5,976,393	11-02-1999	Abe		

### FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<sup>6</sup>
BA	EP-0935407 A1		08-11-1999			x

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<sup>2</sup>
CA	Patent Abstracts of Japan, Application No. 09068383, 10/98, Sony Corp., Manufacture of Printed Wiring Board		

Examiner Signature		Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

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